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The Society of the
Plastics Industry, Inc.

Monthly Statistical Report-Resins

SPI

1275 K Street, N.W., #400
Washington, D.C. 20005
(202) 371-5200

FOR THE MONTH AND PERIOD ENDED

AUGUST 31, 1990

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING & THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN
QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

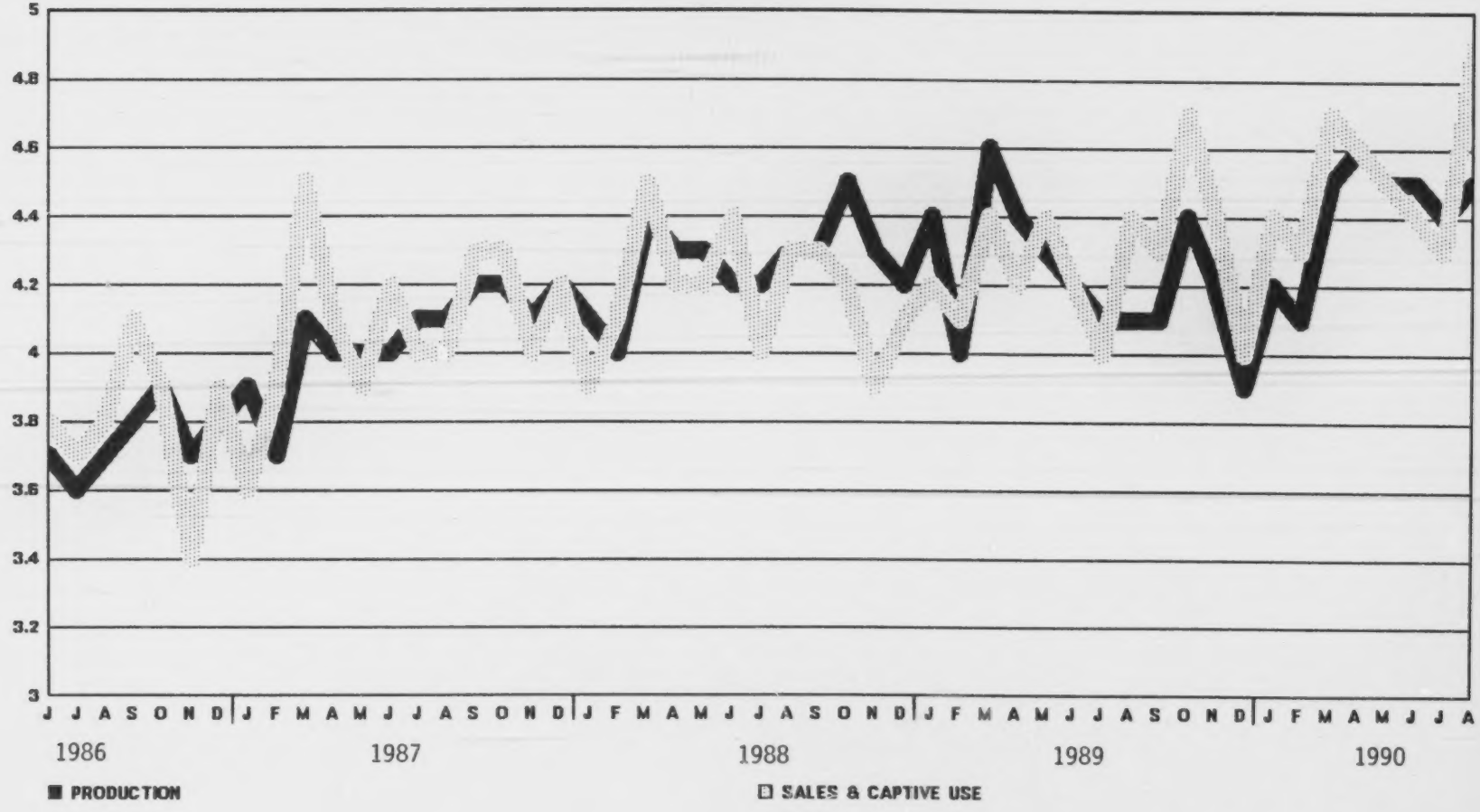
Release Date: October 12, 1990

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(BILLIONS OF POUNDS)

AUGUST 1990



THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

CRS

MONTHLY STATISTICAL REPORT

(Thousands of pounds, dry weight basis)(1)

AUGUST 1990

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
EPOXY RESIN, TOTAL	39,121	38,556	1.5	313,341	332,933	-5.0	43,669	41,690	4.7	342,882	359,122	-4.5
POLYESTER (UNSATURATED) RESINS, TOTAL	103,419	112,794	-8.3	833,861	909,516	-8.3	104,042	113,596	-8.4	844,580	914,149	-7.6
UREA RESINS, TOTAL	120,485	122,336	-1.5	989,703	950,010	4.2	124,807	122,014	2.3	1,025,733	954,857	7.4
MELAMINE RESINS, TOTAL	16,137	18,278	-11.7	115,826	144,196	-19.7	17,729	17,256	2.7	134,149	150,108	-10.6
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	239,880	235,040	2.1	1,999,914 R	1,926,539	3.8	245,462	233,085	5.3	2,012,292 R	1,937,898	3.8
THERMOSETTING RESINS, TOTAL	519,042	527,004	-1.5	4,255,645 R	4,263,194	-0.2	535,709	527,641	1.5	4,359,636	4,316,134	1.0
LOW-DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL (6)	655,830	596,952	9.9	4,708,119	4,488,623	4.9	612,691	513,385	19.3	4,808,932	4,409,553	9.1
LINEAR-LOW DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL (6)	435,716	335,838	29.7	3,042,700	2,416,786	25.9	330,698	216,425	52.8	2,486,808 R	1,985,507	25.2
HIGH-DENSITY POLYETHYLENE (ABOVE 0.940), TOTAL	798,133	723,448	10.3	5,572,148	5,322,046	4.7	721,324	731,696	-1.4	5,423,434	5,492,050	-1.2
POLYPROPYLENE, TOTAL	758,283	606,265	25.1	5,450,115	4,824,708	13.0	653,339	562,587	16.1	5,473,971	4,857,196	12.7
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	101,947	88,267	15.5	795,477	838,847	-5.2	91,629	94,895	-3.4	779,666	914,155	-14.7
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	13,268	8,016	65.5	91,078	74,675	22.0	13,634	9,489	43.7	88,139	82,044	7.4
POLYSTYRENE RESINS, TOTAL	467,658	447,868	4.4	3,490,083 R	3,478,383	0.3	426,445	418,811	1.8	3,354,895 R	3,485,672	-3.2
STYRENE BASED LATEXES, TOTAL ***	100,995	92,608	9.1	732,867 R	689,721	6.3	93,099	88,952	4.7	688,579 R	658,656	4.5
OTHER STYRENICS, TOTAL (40% or More Styrene)	12,835	13,424	-4.4	103,348	103,987	-0.6	11,321	11,643	-2.8	95,927	96,310	-0.4
NYLON RESINS (6)	51,482	45,667	12.7	382,710	393,229	-2.7	48,301	45,540	6.1	383,895	390,147	-1.6
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	808,014	736,980	9.6	6,147,677	5,632,747	9.1	770,956	709,926	8.6	6,043,503	5,674,607	6.5
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)	N/A	N/A		N/A	N/A		N/A	N/A		N/A	N/A	
POLYVINYL ALCOHOL, TOTAL (3)	D	D		D	D		D	D		D	D	
OTHER VINYL RESINS (4)	16,526	17,100	-3.4	127,980	134,545	-4.9	17,939	19,133	-6.2	144,744	150,042	-3.5
THERMOPLASTIC POLYESTER, TOTAL (6)	148,912	150,987	-1.4	1,246,530	1,132,482	10.1	161,293	120,047	34.4	1,240,212	1,078,879	15.0
THERMOPLASTIC RESINS, TOTAL	4,369,599	3,863,420	13.1	31,890,832	29,530,759	8.0	3,952,669	3,542,529	11.6	31,012,795 R	29,254,818	6.0
GRAND TOTAL	4,888,641	4,390,424	11.3	36,146,477	33,793,953	7.0	4,488,378	4,070,170	10.3	35,372,341 R	33,570,952	5.4

(1) = Except phenolic resins which are reported on a gross weight basis.

*** = Sales and Captive Use figures include some Canadian produced materials.

(2) = The publishing of PVAC has been suspended.

D = Disclosure.

N/A = Not Available.

(3) = The publishing of PVOH data has been suspended.

(4) = Includes only polyvinyl butyral, polyvinyl formal, and polyvinyliden

(6) = Data Includes Sales from Imports.

R = Revision.

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

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THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
EPOXY RESIN, TOTAL	39,121	38,556	1.5	316,341	332,933	-5.0	43,669	41,690	4.7	342,882	359,122	-4.5
Exports, Total	6,163	6,758	-8.8	47,739	61,945	-22.9						
Captive Use, Total	1,227	1,673	-26.7	11,075	11,857	-6.6						
Domestic Sales, Total	31,731	30,125	5.3	257,527	259,131	-0.6						
Domestic Sales & Captive Use,Total	32,958	31,798	3.6	268,602	270,988	-0.9						
Bonding & Adhesives	2,138	1,873	14.1	18,761	17,021	10.2						
Flooring, Paving & Exposed Aggregate	1,749	2,022	-13.5	17,758	16,455	7.9						
Protective Coatings	16,776	15,131	10.9	133,391	130,585	2.1						
Fiber Reinforced Laminates & Composites	6,991	6,535	7.0	55,400	58,319	-5.0						
FRL&C for Printed Wiring Board	4,566	4,275	6.8	36,576	40,527	-9.7						
All Other FRL&C	2,425	2,260	7.3	18,824	17,792	5.8						
Tooling, Casting & Molded Resins	2,380	2,414	-1.4	18,719	20,684	-9.5						
All Other Uses	2,924	3,823	-23.5	24,573	27,924	-12.0						
POLYESTER (UNSATURATED) RESINS, TOTAL (E)	103,419	112,794	-8.3	833,861	909,516	-8.3	104,042	113,596	-8.4	844,580	914,149	-7.6
Total Exports	1,344	2,630	-48.9	14,818	17,701	-16.3						
Total Domestic	102,075	110,164	-7.3	819,043	891,815	-8.2						
General Purpose Resins, Total	87,135	95,200	-8.5	707,011	769,224	-8.1						
General Purpose - Thixotropic	33,469	41,517	-19.4	280,696	342,713	-18.1						
General Purpose - Press Molding	12,324	11,593	6.3	96,882	88,112	10.0						
General Purpose - Panel	6,901	N/A		57,815	N/A							
General Purpose - All Other	34,441	42,090	-18.2	271,618	338,399	-19.7						
Flame Retardant Resins	1,865	2,099	-11.1	15,785	15,970	-1.2						
Chemical Resistant Resins, Total	13,075	12,865	1.6	96,247	106,621	-9.7						
Chemical Resistant Isophthalic Resins	9,238	9,110	1.4	69,180	80,949	-14.5						
All Other Chemical Resistant Resins	3,837	3,755	2.2	27,067	25,672	5.4						
Reinforced Plastic, Total	74,769	81,156	-7.9	599,493	669,086	-10.4						
Non-Reinforced Plastics, Total	27,306	29,008	-5.9	219,550	222,729	-1.4						

(E) = Estimate - Data includes estimates for one company.

N/A = Not Available

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)(1)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	%CHG	1990	1989	% CHG	1990	1989	% CHG
UREA RESINS, TOTAL	120,485	122,336	-1.5	989,703	950,010	4.2	124,807	122,014	2.3	1,025,733	954,857	7.4
MELAMINE RESINS, TOTAL	16,137	18,278	-11.7	115,826	144,196	-19.7	17,729	17,256	2.7	134,149	150,108	-10.6
UREA & MELAMINE RESINS, TOTAL	136,622	140,614	-2.8	1,105,529	1,094,206	1.0	142,536	139,270	2.3	1,159,882	1,104,965	5.0
Total Exports	D1	D1		D1	D1							
Total Domestic	136,622	140,614	-2.8	1,105,529	1,094,206	1.0						
Textile Coating & Treating Resins	2,213	2,111	4.8	16,888	16,870	0.1	3,200	2,702	18.4	30,892	20,191	53.0
Paper Coating & Treating Resins	5,014	5,782	-13.3	38,946	39,983	-2.6	5,382	5,894	-8.7	40,217	41,931	-4.1
Molding Compounds	D2	D2		D2	D2		D2	D2		D2	D2	
Bonding & Adhesive Resins for:	106,171	111,144	-4.5	868,004	881,611	-1.5	109,424	109,486	-0.1	902,371	876,375	3.0
Laminating	1,524	5,534	-72.5	13,574	53,389	-74.6	1,613	4,620	-65.1	14,197	45,522	-68.8
Plywood	5,336	5,315	0.4	39,488	45,843	-13.9	5,337	5,303	0.6	39,897	47,005	-15.1
Fibrous & Granulated Wood (Particle Board)	99,311	100,295	-1.0	814,942	782,379	4.2	102,474	99,563	2.9	848,277	783,848	8.2
Protective Coatings (Straight & Modified)	9,639	8,621	11.8	68,030	74,067	-8.2	11,929	10,020	19.1	90,400	92,980	-2.8
All Other Uses	13,585	12,956	4.9	113,661	81,675	39.2	12,601	11,168	12.8	96,002	73,488	30.6
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	239,880	235,040	2.1	1,999,914 R	1,926,539	3.8	245,462	233,085	5.3	2,012,292 R	1,937,898	3.8
Total Exports	1,545	1,243	24.3	16,342	12,095	35.1						
Total Domestic	238,335	233,797	1.9	1,983,572 R	1,914,444	3.6						
Molding Compounds	15,471	15,601	-0.8	114,274	120,637	-5.3	15,730	16,550	-5.0	126,819	128,641	-1.4
Bonding & Adhesive Resins for:	219,456	214,556	2.3	1,843,728 R	1,766,295	4.4	226,387	212,718	6.4	1,859,646 R	1,779,053	4.5
Laminating	13,860	19,356	-28.4	116,283	148,448	-21.7	14,182	19,315	-26.6	116,632	152,109	-23.3
Coated & Bonded Abrasives	2,208	1,564	41.2	18,333	17,836	2.8	1,949	1,566	24.5	18,110	19,386	-6.6
Friction Materials	4,266	3,219	32.5	31,568	26,855	17.5	4,543	2,992	51.8	32,507	27,360	18.8
Insulation Materials	33,966	34,542	-1.7	273,929	285,275	-4.0	35,178	34,335	2.5	284,275	289,733	-1.9
Foundry & Shell Molding	6,020	3,596	67.4	52,588	30,983	69.7	6,120	3,334	83.6	52,561	31,588	66.4
Plywood	D3	119,547		D3	985,959		D3	118,478		D3	985,680	
Fibrous and Granulated Wood	D3	D3		D3	D3		D3	D3		D3	D3	
Resins Sold to Rubber Industry	D3	1,309		D2	10,105		D3	1,076		D3	10,246	
All Other	159,136	31,423	N/C	1,351,027 R	260,834	N/C	164,415	31,622	N/C	1,355,561 R	262,951	N/C
Protective Coatings - Unmodified & Modified	D2	1,146		D2	8,882		D2	1,132		D2	8,569	
Resins Sold to Rubber Ind. - Non Adhesive Uses	D2	D2		D2	D2		D2	D2		D2	D2	
All Other Uses	3,408	2,494	N/C	25,570	18,630	N/C	3,345	2,685	N/C	25,827	21,635	N/C

D1 = Disclosure: Included in Domestic, Total and All Other Uses.
D2 = Disclosure: Included in All Other Uses.
D3 = Disclosure: Included in All Other Bonding & Adhesive Resins.

(1) = Phenolic is on a Gross Weight Basis.
N/C = Not Comparable.
R = Revision.

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	%CHG	1990	1989	% CHG	1990	1989	% CHG
LOW DENSITY POLYETHYLENE - 0.940 & BELOW, TOTAL (6)	655,830	596,952	9.9	4,708,119	4,488,623	4.9	634,880	524,568	21.0	4,931,498	4,478,532	10.1
Imports, Total							22,189	11,183	98.4	122,566	68,979	77.7
Exports, Total	81,906	73,878	10.9	547,954	589,498	-7.0						
Domestic, Total	573,924	523,074	9.7	4,160,165	3,899,125	6.7	612,691	513,385	19.3	4,808,932	4,409,553	9.1
Film (12 Mils & Below)	339,127	304,356	11.4	2,446,413	2,214,351	10.5						
Packaging Film	228,870	203,943	12.2	1,666,815	1,503,398	10.9						
Food Packaging Film	96,784	98,095	-1.3	776,260	718,915	8.0						
Non-Food Packaging Film	106,631	85,347	24.9	700,898	629,492	11.3						
Shrink Film	13,895	D10		104,912	D10							
Stretch Film	11,560	20,501	N/C	84,745	154,991	N/C						
Non-Packaging Film	110,257	100,413	9.8	779,598	710,953	9.7						
Carry-Out Bags	16,111	9,527	69.1	88,716	77,808	14.0						
Trash and Can Liners	35,560	32,099	10.8	244,790	249,154	-1.8						
Other Non-Packaging Film	58,586	58,787	-0.3	446,092	383,991	16.2						
Sheet (Over 12 Mils)	7,276	5,413	34.4	48,735	59,163	-17.6						
Injection Molding	33,445	35,439	-5.6	249,011	265,871	-6.3						
Injection Molded Lids	7,469	4,452	67.8	53,408	34,568	54.5						
Injection Molded Housewares	4,059	4,198	-3.3	32,477	35,168	-7.7						
Other Injection Molding	21,917	26,789	-18.2	163,126	196,135	-16.8						
Wire and Cable	22,210	D5		179,066	D5							
Extrusion Coating	65,271	D5		505,894	D5							
Blow Molding	5,560	4,983	11.6	41,376	42,959	-3.7						
Pipe and Conduit, Total	D5	D5		D5	D5							
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe and Conduit	D	D		D	D							
Other Extruded Products	8,636	89,538	N/C	60,665	704,079	N/C						
Rotomolding	D2	D2		D2	D2							
Resellers & Compounders, Total	61,903	50,473	22.6	381,606	362,741	5.2						
Resellers	44,092	40,763	8.2	266,922	280,008	-4.7						
Compounders	17,811	9,710	83.4	114,684	82,733	38.6						
Adhesives and Sealants	9,844	D2		71,817	D2							
All Other Uses	20,652	32,872	N/C	175,582	249,961	N/C						

D2 = Disclosure: Included in All Other Uses.
D5 = Disclosure: Included in Other Extruded Products.
D10 = Disclosure: Included in Stretch Film.
(6) = Sales Include Imports.
D = Disclosure
N/C = Not Comparable

Compiled By Ernst & Young, Washington DC, for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	%CHG	1990	1989	% CHG	1990	1989	% CHG
LINEAR LOW DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	435,716	335,838	29.7	3,042,700	2,416,786	25.9	403,201	266,361	51.4	3,038,735 R	2,412,297	26.0
Imports, Total							72,503	49,936	45.2	551,927	426,790	29.3
Exports, Total	21,611	12,739	69.6	151,644	99,922	51.8						
Domestic, Total	414,105	323,099	28.2	2,891,056	2,316,864	24.8	330,698	216,4[illegible]	52.8	2,486,808 R	1,985,507	25.2
Film (12 Mils & Below)	266,880	208,461	28.0	1,892,157	1,475,569	28.2						
Packaging Film	114,285	92,176	24.0	822,465	680,897	20.8						
Food Packaging Film	19,897	16,038	24.1	144,198	123,003	17.2						
Non-Food Packaging Film	66,115	52,195	26.7	457,248	383,850	19.1						
Shrink Film	D10	D10		D10	D10							
Stretch Film	28,273	23,943	18.1	221,019	174,044	27.0						
Non-Packaging Film	152,595	116,285	31.2	1,069,692	794,672	34.6						
Carry-Out Bags	22,314	15,540	43.6	162,570	124,646	30.4						
Trash and Can Liners	99,861	79,641	25.4	702,286	537,616	30.6						
Other Non-Packaging Film	30,420	21,104	44.1	204,836	132,410	54.7						
Sheet (Over 12 Mils)	2,319	1,792	29.4	11,630	20,542	-43.4						
Injection Molding	54,540	41,340	31.9	353,300	280,773	25.8						
Injection Molded Lids	17,792	18,837	-5.5	123,154	134,657	-8.5						
Injection Molded Housewares	23,724	17,196	38.0	150,355	99,721	50.8						
Other Injection Molding	13,024	5,307	145.4	79,791	46,395	72.0						
Wire and Cable	11,637	D5		96,801	D5							
Extrusion Coating	D5	D5		D5	D5							
Blow Molding	1,900	2,111	-10.0	19,511	12,123	60.9						
Pipe and Conduit, Total	3,796	D5		40,200	D5							
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe and Conduit	D	D		D	D							
Other Extruded Products	2,618	20,303	N/C	21,603	161,115	N/C						
Rotomolding	32,541	D2		216,125	D2							
Resellers & Compounders, Total	25,171	13,950	80.4	159,207	125,997	26.4						
Resellers	11,219	9,429	19.0	76,940	88,944	-13.5						
Compounders	13,952	4,521	208.6	82,267	37,053	122.0						
Adhesives and Sealants	D2	D2		D2	D2							
All Other Uses	12,703	35,142	N/C	80,522	240,745	N/C						

D2 = Disclosure: Included in All Other Uses.
D5 = Disclosure: Included in Other Extruded Products.
D10 = Disclosure: Shrink Film is included in Stretch Film.
D10 = Disclosure: Included in Stretch Film.
(6) = Sales Include Imports.
D = Disclosure
N/C = Not Comparable
R = Revision

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	%CHG	1990	1989	% CHG	1990	1989	% CHG
HIGH DENSITY POLYETHYLENE – ABOVE 0.940, TOTAL	798,133	723,448	10.3	5,572,148	5,322,046	4.7	721,324	731,696	-1.4	5,423,434	5,492,050	-1.2
Exports, Total	65,979	96,485	-31.6	450,399	566,129	-20.4						
Domestic, Total	732,154	626,963	16.8	5,121,749	4,755,917	7.7						
Film (12 Mils & Below)	79,262	67,366	17.7	585,824	513,304	14.1						
Packaging Film	19,990	18,325	9.1	159,913	129,940	23.1						
Food Packaging Film	14,135	13,393	5.5	110,279	89,757	22.9						
Non-Food Packaging Film	5,855	4,932	18.7	49,634	40,183	23.5						
Non-Packaging Film	59,272	49,041	20.9	425,911	383,364	11.1						
Retail Bags	45,270	22,193 F	N/C	314,366	192,041 F	N/C						
Grocery Sacks & T-Shirt Bags	20,469	N/A		161,524	N/A							
All Other Retail Bags	9,055	N/A		45,492	N/A							
Trash Bags/Can Liners	15,746	D9		107,350	D9							
All Other Non-Packaging Film	14,002	26,848	N/C	111,545	191,323	N/C						
Sheet (Over 12 Mils)	33,226	27,224	22.0	260,921	208,092	25.4						
Injection Molding, Total	147,270	121,738	21.0	1,042,171	947,930	9.9						
Pails (5 gallons or less)	39,711	37,316	6.4	294,653	285,355	3.3						
Housewares	9,143	10,900	-16.1	70,052	73,808	-5.1						
Food Tubs/Containers & Drink Cups	27,905	19,782	41.1	207,343	165,538	25.3						
Crates and Totes	21,538	14,739	46.1	134,963	110,994	21.6						
Toys/Novelties/Sporting Goods	5,229	N/A		40,372	N/A							
Caps and Closures	10,013	N/A		72,255	N/A							
All Other Injection Molding	33,731	38,999	N/C	222,533	312,235	N/C						
Wire and Cable	15,103	14,976	0.8	116,717	106,226	9.9						
Blow Molding, Total	264,200	247,418	6.8	1,896,729	1,926,089	-1.5						
Motor Oil Bottles	20,138	20,338	-1.0	147,874	129,792	13.9						
Liquid Food Bottles	90,354	76,258	18.5	634,372	599,923	5.7						
Household Chemical Bottles	81,798	77,240	5.9	592,434	589,263	0.5						
Industrial Drums	11,553	21,099 G	N/C	87,612	173,819 G	N/C						
Gas Tanks, All Uses	2,903	N/A		22,849	N/A							
Pharm., Cosmetics, & Toiletries	20,132	N/A		148,848	N/A							
All Other Blow Molding	37,322	52,483	N/C	262,740	433,292	N/C						
Pipe and Conduit, Total	53,411	45,428	17.6	368,625	326,010	13.1						
Corrugated	9,274	8,435	9.9	67,621	60,759	11.3						
Non-Corrugated	44,137	36,993	19.3	301,004	265,251	13.5						
Gas Distribution	14,354	N/A		98,008 R	N/A							
Water	D11	N/A		D11	N/A							
Industrial/Sewer	D11	N/A		D11	N/A							
All Other Non-Corrugated Pipe	29,783	N/A		202,996 R	N/A							
Other Extruded Products	8,968	6,462	38.8	59,191	47,175	25.5						
Rotomolding	5,605	5,646	-0.7	48,097	46,384	3.7						
Reseller & Compounders, Total	97,507	66,227	47.2	546,152	455,717	19.8						
Resellers	93,822	61,824	51.8	510,948	414,861	23.2						
Compounders	3,685	4,403	-16.3	35,204	40,856	-13.8						
All Other HDPE	27,602	24,478	12.8	197,322	178,990	10.2						

D9 = Disclosure: Included in Other Non-Packaging Film.
D11 = Disclosure: Included in All Other Non-Corrugated Pipe.
N/C = Not Comparable.
N/A = Not Available
R = Revision
F = Reported as Carry Out Bags in 1989.
G = Reported as Large Containers in 1989.

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	%CHG	1990	1989	% CHG	1990	1989	% CHG
POLYPROPYLENE, TOTAL	758,283	606,265	25.1	5,450,115	4,824,708	13.0	653,339	562,587	16.1	5,473,971	4,857,196	12.7
Exports, Total	136,507	66,232	106.1	1,005,165	747,694	34.4						
Domestic, Total	621,776	540,033	15.1	4,444,950	4,077,014	9.0						
Injection Molding, Total	180,817	149,963	20.6	1,308,875	1,205,924	8.5						
Appliances	16,804	12,599	33.4	121,635	107,717	12.9						
Consumer Products	62,681	48,480	29.3	430,913	374,604	15.0						
Rigid Packaging	59,085	52,374	12.8	440,883	413,600	6.6						
Transportation	27,009	21,639	24.8	196,790	184,732	6.5						
All Other Injection Molding	15,238	14,871	2.5	118,654	125,271	-5.3						
Blow Molding	15,336	11,227	36.6	100,678	83,052	21.2						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below), Total	52,067	50,628	2.8	397,170	401,340	-1.0						
Oriented Film	43,388	40,277	7.7	321,668	309,529	3.9						
Non-Oriented Film	8,679	10,351	-16.2	75,502	91,811	-17.8						
Sheet (Over 10 Mils), Total	10,703	8,814	21.4	89,548	84,815	5.6						
Packaging	D	N/A		D	N/A							
Non-Packaging	D	N/A		D	N/A							
Extrusion Coating	2,497	D5		14,495	D5							
Wire and Cable	D5	D5		D5	D5							
Fiber and Filaments, Total	189,596	185,188	2.4	1,408,571	1,323,966	6.4						
Textile Applications	177,375	175,558	1.0	1,327,372	1,257,400	5.6						
Nonwovens	45,444	44,287	2.6	396,337	331,232	19.7						
Monofilament & Multifilament Fibers	64,690	71,857	-10.0	468,947	568,715	-17.5						
Slit Film Fibers	67,241	59,414	13.2	462,088	357,453	29.3						
Non-Textile Monofilaments	12,221	9,630	26.9	81,199	66,566	22.0						
Pipe and Conduit	D5	D5		D5	D5							
Other Extruded Products	11,126	7,872	N/C	82,908	64,929	N/C						
Resellers/Distributors/Compounders, Total	148,142	118,586	24.9	993,734	865,795	14.8						
Resellers	55,837	81,787 C	N/C	367,594	592,101 C	N/C						
Distributors	37,190	N/A		262,059	N/A							
Compounders	55,115	36,799	49.8	364,081	273,694	33.0						
All Other Uses	11,492	7,755	48.2	48,971	47,193	3.8						

D5 = Disclosure: Included in Other Extruded Products.
D = Disclosure
C = Reported as Resellers and Distributors in 1989.

N/C = Not Comparable
N/A = Not Available
R = Revision

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	%CHG	1990	1989	% CHG	1990	1989	% CHG
POLYSTYRENE RESINS, TOTAL	467,658	447,868	4.4	3,490,083 R	3,478,383	0.3	426,445	418,811	1.8	3,354,895 R	3,465,672	-3.2
Crystal (Solid) Polystyrene	253,712	241,945 A	N/C	1,873,280 R	1,868,932 A	N/C	170,718	219,249 A	N/C	1,319,333 R	1,883,628 A	N/C
Rubber Modified Polystyrene	213,946	205,923	3.9	1,616,803 R	1,609,451	0.5	194,759	199,562	-2.4	1,558,783 R	1,582,044	-1.5
Expandable Polystyrene	D13			D13			60,968			476,779 R		
Exports, Total	17,902	22,110	-19.0	122,111	142,593	-14.4						
Crystal (Solid) Polystyrene	10,713	11,506 A	N/C	70,228	78,530 A	N/C						
Rubber Modified Polystyrene	7,189	10,604	-32.2	51,883	64,063	-19.0						
Expandable Polystyrene	D13			D13								
Domestic, Total	449,756	425,758	5.6	3,367,972 R	3,335,790	1.0						
Molding	160,991	175,118	-8.1	1,174,150 R	1,359,742	-13.6						
Extrusion	220,736	179,479	23.0	1,639,535 R	1,411,573	16.1						
Expandable Polystyrene	56,883	61,474	-7.5	458,554 R	459,968	-0.3						
Block	25,221	27,030	-6.7	177,398	174,559	1.6						
Shape	11,800	12,016	-1.8	101,494	97,919	3.7						
Loose Fill	D6	D6		D6	D6							
Other EPS	19,862	22,428	-11.4	179,662 R	187,490	-4.2						
All Other Uses	11,146	9,687	15.1	95,733 R	104,507	-8.4						
Polystyrene End-Uses, Total	449,756	425,758	5.6	3,367,972 R	3,335,790	1.0						
Packaging & One Time Use	177,616	168,171 B	5.6	1,315,047 R	1,298,088 B	1.3						
Consumer & Institutional Products	51,507	58,875	-12.5	357,321 R	487,066	-26.6						
Electrical/Electronics	59,113	49,644	19.1	457,771	418,924	9.3						
Furniture,Furnishings,Bldg. & Construction	29,504	33,537	-12.0	217,409	208,625	4.2						
Expandable Polystyrene	56,883	61,474	-7.5	458,554 R	459,968	-0.3						
Resellers and Compounders	58,789	44,464	32.2	416,923 R	350,566	18.9						
All Other End-Uses	16,344	9,593	70.4	144,947 R	112,553	28.8						

D6 = Disclosure: Included in Other EPS
D13 = Included in Crystal(Solid) Polystyrene
A = Reported as Straight Polystyrene in 1989.
B = Consists of Packaging & Disposable Food Serviceware lines reported in 1989.

N/C = Not Comparable
D = Disclosure
R = Revision

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	%CHG	1990	1989	% CHG	1990	1989	% CHG
ABS (ACRYLONITRILE-BUTADIENE-STYRENE), TOTAL	101,947	88,267	15.5	795,477	838,847	-5.2	91,629	94,895	-3.4	779,666	914,155	-14.7
SAN (STYRENE-ACRYLONITRILE), TOTAL	13,268	8,016	65.5	91,078	74,675	22.0	13,634	9,489	43.7	88,139	82,044	7.4
Total Exports	5,139	2,552	101.4	34,071	23,963	42.2						
Total Domestic	8,129	5,464	48.8	57,007	50,712	12.4						
OTHER STYRENICS (40% OR MORE STYRENE), TOTAL	12,835	13,424	-4.4	103,348	103,987	-0.6	11,321	11,643	-2.8	95,927	96,310	-0.4
ABS, SAN, & OTHER STYRENICS, TOTAL	128,050	109,707	16.7	989,903	1,017,509	-2.7	116,584	116,027	0.5	963,732	1,092,509	-11.8
Total Exports	N.R. 1	N.R. 1		N.R. 1	N.R. 1							
Total Domestic	128,050	109,707	16.7	989,903	1,017,509	-2.7						
Electrical/Electronics	N.R. 2	N.R. 2		N.R. 2	N.R. 2							
Building & Construction	11,067	9,403	17.7	90,667	102,986	-12.0						
Transportation	32,459	19,519	66.3	256,231	261,414	-2.0						
Consumer & Institutional	N.R. 2	N.R. 2		N.R. 2	N.R. 2							
All Other Uses	84,524	80,785	4.6	643,005	653,109	-1.5						
STYRENE BASED LATEXES, TOTAL*	100,995	92,608	9.1	732,867 R	689,721	6.3	93,099	88,952	4.7	688,579 R	658,656	4.5
Carpet Backing	38,668	32,797	17.9	245,373 R	255,326	-3.9						
All Other Uses	62,327	59,811 J	4.2	487,494 R	434,395 J	12.2						
NYLON RESINS, TOTAL(6)	51,482	45,667	12.7	382,710	393,229	-2.7	N/A	N/A		N/A	N/A	
Imports, Total							N/A	N/A		N/A	N/A	
Exports, Total	6,514	6,424	1.4	49,387	52,245	-5.5						
Domestic, Total	44,968	39,243	14.6	333,323	340,984	-2.2	48,301	45,540	6.1	383,895	390,147	-1.6
Injection Molding Grade	26,202	22,658	15.6	195,892	203,144	-3.6						
Extrusion Grade	15,297	13,435	13.9	106,472	100,777	5.7						
Resellers & Compounders	2,710	2,417	12.1	23,864	26,422	-9.7						
All Other Uses	759	733	3.5	7,095	10,641	-33.3						
Nylon End-Uses, Total	44,968	39,243	14.6	333,323	340,984	-2.2						
Automotive and Truck	15,517	N/A		112,646	N/A							
Electrical and Electronic	5,338	N/A		40,305 R	N/A							
Appliances	1,409	N/A		9,522	N/A							
Film and Coating	7,432	N/A		51,970	N/A							
Wire and Cable	3,252	N/A		22,999 R	N/A							
Monofilament	1,884	N/A		14,740	N/A							
Consumer	2,109	N/A		14,153	N/A							
Industrial/Machinery	4,115	N/A		29,858	N/A							
All Other End-Uses	3,912	N/A		37,130	N/A							

N.R.1 – Not Reported; Included in Total Domestic and All Other Uses.
N.R.2 – Not Reported; Included in All Other Uses.
* – Styrene Based Latexes Sales include some Canadian produced material.
J = Consists of All Other Uses, Paper Treating, and Textile Treating Lines reported in 1989.

R = Revision
N/A = Not Available
(6) – Includes sales from imports.

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	%CHG	1990	1989	% CHG	1990	1989	% CHG
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (DRY RESIN CONTENT) (E)	808,014	736,980	9.6	6,147,677	5,632,747	9.1	770,956	709,926	8.6	6,043,503	5,674,607	6.5
Homopolymer Resins, Including Blending & Latex	746,584	672,793	11.0	5,687,057	5,156,739	10.3	708,932	650,809	8.9	5,570,140	5,196,954	7.2
Copolymer Resins, Including Blending & Latex	16,049	18,126	-11.5	130,981	145,123	-9.7	18,639	15,232	22.4	131,083	142,754	-8.2
Dispersion Resins	45,381	46,061	-1.5	329,639	330,885	-0.4	43,385	43,885	-1.1	342,280	334,899	2.2
Exports, Total	78,427	82,642	-5.1	589,433	496,090	18.8						
Domestic, Total	729,587	654,338	11.5	5,558,244	5,136,657	8.2						
Calendering, Total	94,044	89,295	5.3	648,194	605,694	7.0						
Flooring	17,634	19,656	-10.3	146,256	141,200	3.6						
Textile	9,004	8,147	10.5	69,961	82,056	-14.7						
All Other Calendering Uses	67,406	61,492	9.6	431,977	382,438	13.0						
Coating, Total	30,393	31,118	-2.3	223,117	243,383	-8.3						
Flooring	13,148	13,830	-4.9	100,090	101,582	-1.5						
Textile and Paper Coating	8,689	9,409	-7.7	61,406	71,859	-14.5						
Protective Coatings	4,341	4,174	4.0	30,774	34,544	-10.9						
Adhesives & All Other Coating Uses	4,215	3,705	13.8	30,847	35,398	-12.9						
Extrusion, Total	498,321	430,367	15.8	3,791,749	3,462,981	9.5						
Wire and Cable	32,885	33,701	-2.4	252,862	259,492	-2.6						
Film and Sheet, Packaging	22,593	25,645	-11.9	204,759	215,936	-5.2						
Film and Sheet, Non-Packaging	3,211	3,893	-17.5	28,721	35,681	-19.5						
Siding, Siding Acc. & Moble Home Skirting	74,047	65,393	13.2	568,557	516,233	10.1						
Rigid Pipe and Tubing (except fittings)	310,982	251,142	23.8	2,334,264	2,070,095	12.8						
All Other Extrusion Uses	54,603	50,593	7.9	402,586	365,544	10.1						
Molding, Total	45,887	42,992	6.7	355,598	351,705	1.1						
Bottles	19,430	19,302	0.7	151,582	144,825	4.7						
Fittings (Rigid Pipe and Tubing)	16,976	10,854	56.4	121,591	103,264	17.7						
All Other Molding Uses	9,481	12,836	-26.1	82,425	103,616	-20.5						
Paste Processes (except coating), Total	15,860	15,125	4.9	119,089	119,216	-0.1						
Plastisol Formulation	8,428	8,227	2.4	65,242	63,770	2.3						
All Other Paste Process Uses	7,432	6,898	7.7	53,847	55,446	-2.9						
Resellers & Compounders	31,592	27,653	14.2	235,125 R	214,317	9.7						
All Other Uses	13,490	17,788	-24.2	185,372 R	139,361	33.0						

E = Estimate – Data includes estimates for one company.

R = Revision.

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	%CHG	1990	1989	% CHG	1990	1989	% CHG
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)												
Exports, Total												
Domestic, Total												
Emulsion Paints												
Adhesives, Caulks and Sealants												
Paper Treating & Paper Coating												
Textile Treating												
Non-Woven Binders												
All Other Uses												
POLYVINYL ALCOHOL, TOTAL (3)												
Exports, Total												
Domestic, Total												
OTHER VINYL RESINS, TOTAL (4)	16,526	17,100	-3.4	127,980	134,545	-4.9	17,939	19,133	-6.2	144,744	150,042	-3.5
Exports, Total	6,035	5,344	12.9	45,549	46,978	-3.0						
Domestic, Total	10,491	11,756	-10.8	82,431	87,567	-5.9						
THERMOPLASTIC POLYESTER, TOTAL (6)	148,912	150,987	-1.4	1,246,530	1,132,462	10.1	161,293	120,047	34.4	1,240,212	1,078,879	15.0
Exports, Total	30,012	31,808	-5.6	243,063	199,838	21.6						
PET Bottle Grade Resin, Exports	D	D		D	D							
All Other Exports	D	D		D	D							
Domestic, Total	118,900	119,179	-0.2	1,003,467	932,624	7.6						
Domestic PET	N.R.	N.R.		N.R.	N.R.							
Solid State Phase Resin	D12	D12		D12	D12							
PET Bottle Grades	78,634	81,317	-3.3	697,379	627,025	11.2						
PET/PBT Resellers & Compounders	N.R.4	N/A		N.R.4	N/A							
All Other Thermoplastic Polyester	40,266	37,862	6.3	306,088	305,599	0.2						

(2) – The publishing of PVAC data has been suspended.

(3) – The publishing of PVOH data has been suspended.

(4) – Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene.

D12 = Disclosure: Included in All Other Thermoplastic Polyester.

N.R.4 = Not Reported: Included in All Other Thermoplastic Polyester.

N.R. = Not Reported

D = Disclosure

(6) – Includes sales from imports.

The Society of the
Plastics Industry, Inc.

Monthly Statistical Report - Resins

SPI

1275 K Street, N.W., #400
Washington, D.C. 20005
(202) 371-5200

FOR THE MONTH AND PERIOD ENDED

JULY 31, 1990

DATA FOR CALCULATING APPARENT CONSUMPTION OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

Release Date: October 12, 1990

THE SOCIETY OF THE PLASTICS INDUSTRY, INC. CRS

MONTHLY STATISTICAL REPORT

(Millions of pounds, dry weight basis)(1) JULY 1990

RESIN KIND	JULY				YEAR-TO-DATE			
	PRODUCTION	DOMESTIC SALES	IMPORTS	EXPORTS*	PRODUCTION	DOMESTIC SALES	IMPORTS	EXPORTS*
EPOXY RESIN, TOTAL	44.8	30.6	2.1	5.5	299.2	225.8	10.1	41.6
POLYESTER (UNSATURATED) RESINS, TOTAL	96.6	92.3	0.7	7.1	740.5	717.0	4.1	59.0
UREA RESINS, TOTAL **	121.2	115.2	1.4	3.2	900.9	869.2	12.3	24.0
MELAMINE RESINS, TOTAL **	16.1	14.8	0.3	1.3	116.4	99.7	2.6	8.8
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	253.5	250.9	3.6	6.5	1,767.5	1,745.8	24.9	58.2
THERMOSETTING RESINS, TOTAL	532.2	503.8	8.1	23.6	3,824.5	3,657.5	54.0	191.6
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	621.7	490.4	20.3	52.9	4,196.2	3,586.2	142.0	450.1
LINEAR LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	332.9	341.1	57.3	16.3	2,185.2	2,477.0	482.1	150.7
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	712.5	653.0	50.7	61.3	4,702.1	4,389.6 R	302.3	500.7
POLYPROPYLENE, TOTAL	660.2	522.2	4.6	109.6	4,820.7	3,823.2	35.6	974.8
ABS RESINS, TOTAL ** (ACRYLONITRILE-BUTADIENE-STYRENE)	109.8	101.4	6.8	21.2	688.0 R	693.5 R	47.9	99.9
SAN (STYRENE-ACRYLONITRILE) RESINS, TOTAL	11.4	6.7	0.4	6.7	74.5	48.9 R	4.0	44.4
OTHER STYRENICS **	90.8	93.9	0.3	14.4	678.8	722.7	2.7	100.4
POLYSTYRENE RESINS, TOTAL	440.9	418.7	7.5	18.4	2,930.8	2,920.3	49.8	167.6
NYLON RESINS, TOTAL (6)	49.4	38.7	8.4	12.2	335.6	288.4	45.0	91.5
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	711.7	644.7	17.0	66.5	5,272.6	4,828.7	85.5	537.7
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (4)								
POLYVINYL ALCOHOL, TOTAL (4)								
OTHER VINYL RESINS	15.2	8.9	N/A	N/A	126.8	71.9	N/A	N/A
THERMOPLASTIC POLYESTER, TOTAL (6)	153.7	121.5	7.4	38.9	1,078.9	884.6	40.4	263.1
THERMOPLASTIC RESINS, TOTAL	3,910.2	3,441.2	180.7	418.4	27,090.2 R	24,735.0 R	1,237.3	3,380.9
GRAND TOTAL	4,442.4	3,945.0	188.8	442.0	30,914.7 R	28,392.5 R	1,291.3	3,572.5

(1) = Except phenolic resins which are reported on a gross weight basis.

(4) = The publishing of PVOH + PVAC data is temporarily suspended.

* Except for Epoxy Resin, Bureau of Census exports will differ from exports published in the SPI Monthly Statistical Report.

** = Domestic Sales include Exports.

(6) = Data Includes Sales from Imports.

Monthly and Year-To-Date totals may not agree due to government revisions and rounding.

N/A = Not Available

R = Revision

Sources: Sales and Production - SPI Monthly Statistical Report

Imports - Bureau of the Census (IM 145)

Exports - Bureau of the Census (EM 545)

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

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